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**REFERENCE TO TECHNICAL PUBLICATIONS**

Qwest Corporation Technical Publication (Cont'd)

PUB 77348 Issue C Issued: January, 1994	Available: January, 1994
PUB 77359 Issue H Issued: April, 1997	Available: April, 1997
PUB 77372 Issue G Issued: October, 2000	Available: October, 2000
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**7. PRIVATE LINE TRANSPORT SERVICE**

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## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.14 SYNCHRONOUS SERVICE TRANSPORT (SST) (Cont'd)**

#### **7.14.2 PRICING PLANS**

At the customer's option, SST Bandwidth Capacity is available initially with a SST Pricing Plan for a 12-, 24-, 36- or 60-month fixed period only. The customer must specify the length of a fixed period service rate plan at the time the service is ordered. The minimum period for all fixed period service rate plans is 12 months, except as specified in 2.4.2. SST Pricing Plans allow the Private Line Transport Service customer to integrate SST into their networks with the assurance that no Company-initiated monthly rate increases will occur during the fixed period.

Customers with an SST Pricing Plan in service prior to May 29, 1995 may utilize Termination Liability and Waiver Policy as set forth in 7.1.8, in lieu of Upgrades in Capacity and Service, and Discontinuance of Service. This offer is valid until either the expiration date of their existing term or until May 29, 1996 for a 12-month term, May 29, 1997 for a 24-month term, May 29, 1998 for a 36-month term and May 29, 2000 for a 60-month term, whichever comes first. After May 29, 1995, Termination Liability and Waiver Policy will be in effect for all new customers subscribing to the SST Pricing Plan.

#### **A. Fixed Period Service Rate Plans**

SST Pricing Plan includes 155.52 Mbps SONET Ring Service for 36 and 60 months only. Month-to-month SRS is not available. Rates and Charges for SRS 155.52 Mbps are set forth in 7.15.3, following.

SST rate elements other than Bandwidth Capacity may be ordered initially as month-to-month service or under a 12-, 24-, 36-, or 60-month fixed period service rate plan. GeoMax rate elements are initially only available under a 36- or 60-month fixed period service rate plan and must match the Bandwidth Capacity rate plan in effect. SST or rate elements may be ordered with the same fixed period service rate plan as the Bandwidth Capacity or a lesser plan not to exceed the number of months remaining on the Bandwidth Capacity fixed period as set forth following:

1. When the customer's SST or GeoMax rate element fixed period service plan is the same as the Bandwidth Capacity fixed period, the SST or GeoMax rate element fixed period will expire on the same date as the Bandwidth Capacity fixed period regardless of when it was ordered (e.g., if the Bandwidth capacity is a 60-month fixed period rate at month 10 of the plan and the customer orders an OC3 port 60-month fixed period, the OC3 port will be billed at the 60-month rate for the next 50 months).

(C)  
|  
(C)

(C)  
(C)

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.2 PRICING PLANS**

**A. Fixed Period Service Rate Plans (Cont'd)**

2. When the customer orders a SST or GeoMax rate element fixed period service plan for a lesser number of months than the Bandwidth Capacity fixed period the or GeoMax rate element fixed period will expire based upon its expiration date. (C)  
For example, if the customer's Bandwidth Capacity is a 60-month fixed period rate with 40 months remaining and the customer orders an OC3 port under a 36-month fixed period service rate plan, the OC3 port will be billed at the 36-month rate for the next 36 months. (C)
3. Customers may order month-to-month service in combination with any SST fixed period service rate plan. A month-to-month option is available for Bandwidth Capacity only after the customer completes the initial fixed period rate plan.

For customers that subscribe to fixed period service of 12, 24, 36 or 60 months, the monthly rates for the entire fixed period will be frozen from Company-initiated increases, at the rates in effect for the fixed period on the service date. At the end of the fixed period, the customer may convert to month-to-month or subscribe to a new fixed period service. The monthly rates will be adjusted to those in effect for the new fixed period service. Should the customer not make a choice by the end of the fixed period, the rates will automatically revert to the month-to-month option.

If a rate decrease occurs during the term of an existing fixed period service rate plan, the reduced rates will automatically be applied to the time remaining in the service period.

Effective September 1, 1998, customers establishing a Fixed Period Rate Plan, will not receive a rate decrease if the Company decreases rates during the term of the plan. Fixed Period Rate Plans established on or before August 31, 1998, will automatically receive a rate decrease if the Company decreases rates during the term of the plan.

Existing SST Service customers currently under month-to-month and in service prior to July 26, 1996 will retain the 1-month minimum period. All new SST Services installed after July 26, 1996 will have a 12-month minimum period. GeoMax Services will have a 36-month minimum period. (C)

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.2 PRICING PLANS (Cont'd)**

**B. Upgrades**

**1. Upgrades in Rate Plans**

One or all SST or GeoMax rate elements rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a new fixed period service rate plan at any time the customer chooses without incurring nonrecurring or discontinuance charges.

(C)

This upgrade will be allowed provided the channel interface and the customer-designated premises remain the same. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. For example, a rate element with a 36-month fixed period service may be upgraded to a new 36-month, or longer, fixed period service. The monthly rates will be those that are in effect at the time the service is upgraded.

New minimum service period applies to all SST or GeoMax rate elements that are upgraded in the following manner:

(C)

- If the service being upgraded has been in place for more than 12 months, minimum period provisions will not apply, or
- If the service being upgraded has been in place for less than 12 months, the time in service will be applied against the minimum period term.

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.2 PRICING PLANS**

**B. Upgrades (Cont'd)**

**2. Upgrades in Capacity**

Customers with the SST Pricing Plan in service prior to May 29, 1995, may utilize Termination Liability and Waiver Policy as set forth in 7.1.8, in lieu of Upgrades in Capacity. This offer is valid until either the expiration date of their existing term or until May 29, 1996 for a 12-month term, May 29, 1997 for a 24-month term, May 29, 1998 for a 36-month term and May 29, 2000 for a 60-month term, whichever comes first. After May 29, 1995, Termination Liability and Waiver Policy will be in effect for all new customers subscribing to the SST or GeoMax Pricing Plan. (C)

**a. Same customer locations**

Customers that subscribe to fixed period service may upgrade to a larger Bandwidth Capacity. Discontinuance charges will not apply, provided all the following conditions are met:

- The larger capacity SST or GeoMax is provided by the Company, (C)
- The order for the disconnect of the current SST or GeoMax Bandwidth Capacity and order for the new connect of the upgraded SST or GeoMax Bandwidth Capacity are received by the Company at the same time, (C)
- The new service is provided between the same customer locations as the discontinued service,
- The new service has the same channel interface code as the service being discontinued,
- The new service has a SST or GeoMax Bandwidth Capacity larger than the Bandwidth Capacity of the service being discontinued and (C)
- The SST or GeoMax must be upgraded in rate plan at the same time, as described in 1., preceding. (C)

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.2 PRICING PLANS**

**B.2.a. (Cont'd)**

For upgrades in Bandwidth Capacity, the applicable nonrecurring charges set forth in 7.14.3, following, will apply to each new SST or GeoMax Bandwidth Capacity being upgraded. The applicable nonrecurring charges set forth in 7.14.3, following, will apply to each CO Node Port or Remote Node Port activated on the upgraded Bandwidth Capacity. New minimum period applies to all upgrades in capacity. The minimum period for each SST or GeoMax rate element may be retained at the customer's discretion. (C)

**b. Different customer locations for SST or GeoMax (C)**

Should the customer choose to upgrade either a portion of or the entire service under the fixed period service rate plan to a higher capacity and move the service to new customer locations, discontinuance charges will not apply, provided all the conditions are met as set forth in 7.1.1.D.3.

## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

#### **7.14.2 PRICING PLANS**

##### **B. Upgrades (Cont'd)**

##### **3. Upgrades in Service**

Customers with the SST Pricing Plan in service prior to May 29, 1995, may utilize Termination Liability and Waiver Policy as set forth in 7.1.8, following, in lieu of Upgrades in Service. This offer is valid until either the expiration date of their existing term or until May 29, 1996 for a 12-month term, May 29, 1997 for a 24-month term, May 29, 1998 for a 36-month term and May 29, 2000 for a 60-month term, whichever comes first. After May 29, 1995, Termination Liability and Waiver Policy will be in effect for all new customers subscribing to the SST or GeoMax Pricing Plan. (C)

Customers that subscribe to Fixed Period Service may upgrade either a portion of or the entire service to an equivalent or greater capacity Self Healing Network Service (SHNS), as set forth in Section 15, following. Discontinuance charges will not apply provided all of the following conditions are met:

- The SHNS is provided by the Company,
- The order for the disconnect of the existing Fixed Period Service and the order for the new connect of the SHNS are received by the Company at the same time,
- The new SHNS is provided between the same customer locations as the discontinued service,
- The new SHNS has a total voice equivalent capacity equal to or greater than the total voice equivalent capacity of the service being discontinued, and
- The new SHNS Fixed Period Rate Plan meets or exceeds the SST Fixed Period Rate Plan being disconnected.

For service upgrades, the nonrecurring charges set forth in Section 15, following, will apply to the portion of the service being upgraded. No charges will apply to the remaining portion of the service. New minimum service periods apply to all upgrades.

## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

#### **7.14.2 PRICING PLANS (Cont'd)**

##### **C. Discontinuance of Service**

Customers with the SST Pricing Plan in service prior to May 29, 1995, may utilize Termination Liability and Waiver Policy as set forth in 7.1.8, following, in lieu of Discontinuance of Service in C.1. This offer is valid until either the expiration date of their existing term or until May 29, 1996 for a 12-month term, May 29, 1997 for a 24-month term, May 29, 1998 for a 36-month term and May 29, 2000 for a 60-month term, whichever comes first. After May 29, 1995, Termination Liability and Waiver Policy will be in effect for all new customers subscribing to the SST or GeoMax Pricing Plan. (C)

1. If the customer chooses to discontinue all or a portion of the service before the expiration of the fixed period service, discontinuance charges will apply.

Should the customer choose to discontinue fixed period service prior to completion of the minimum service period, discontinuance charges will apply. Discontinuance charges equal to 100% of the total monthly charges for the remaining months of the minimum service period, plus 50% of the total monthly charges for the remaining portion of the fixed period service will apply.

Should the customer choose to discontinue fixed period service after the minimum service period but before the completion of the fixed period service, discontinuance charges equal to 50% of the total monthly charges for the remaining portion of the fixed period service will apply.

Should the customer choose to discontinue a portion of fixed period service without an upgrade in capacity, discontinuance charges will apply only to the portion of the service being discontinued.

For example, a customer has service composed of a CO Node and 10 miles of transport channels. The customer disconnects the CO Node termination and connects a new CO Node at a different serving wire center via a central office connecting channel. The transport channel is decreased to 5 miles. Discontinuance charges apply to the CO Node.

Discontinuance charges will also apply to the proportional reduction in mileage times the discontinuance charge for the transport channel rate element. All associated nonrecurring charges will apply for the new service.

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.14 SYNCHRONOUS SERVICE TRANSPORT (SST)**

**7.14.2 PRICING PLANS (Cont'd)**

**D. Nonrecurring Charge Application Due to Early Discontinuance of a Pricing Plan Fixed Period**

When a customer has an SST or GeoMax Pricing Plan (i.e., fixed period of 12, 24, 36 or 60 months) and the customer discontinues the pricing plan prior to the end of the fixed period, the Company may assess a nonrecurring charge application in addition to Termination Liability charges as set forth in 7.1.8. When Termination Liability is waived, the Company will also waive any applicable nonrecurring charges.

(C)

When a nonrecurring charge application due to early discontinuance of the fixed period is determined, The Company will calculate the nonrecurring charge application based upon the fixed period used at the time the rate element was discontinued. The nonrecurring charge is determined as set forth following:

**1. 12-Month Fixed Period**

Customers discontinuing between month 1 through month 11 of the fixed period will be assessed by rate element the difference between Monthly nonrecurring charges and the nonrecurring charges the customer paid under the 12-Month Pricing Plan. If the customer discontinues the service in the 12th month, no additional nonrecurring charges will be assessed.

**2. 24-Month Fixed Period**

Customers discontinuing between month 1 through month 11 of the fixed period will be assessed by rate element the difference between Monthly nonrecurring charges and the nonrecurring charges the customer paid under the 24-Month Pricing Plan. Customers discontinuing between month 12 through month 23 of the fixed period will be assessed by rate element the difference between the 12-Month Pricing Plan nonrecurring charges and the nonrecurring charges the customer paid under the 24-Month Pricing Plan. If the customer discontinues the service in the 24th month, no additional nonrecurring charges will be assessed.



**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

(N)

**7.18.1 GENERAL**

**A. Basic Service Description**

GeoMax is a high-speed, multi-protocol, fiber optic data transport service. It utilizes Dense Wave Division Multiplexing (DWDM) technology to enable two or more optical signals having different wavelengths to be simultaneously transmitted in the same direction over one strand of fiber. DWDM technology is protocol and bit rate independent, thus enabling GeoMax service to support multiple customer protocols and applications on a single platform. Concatenated Optical Carrier levels are fully supported and include OC3c, OC12c and OC48c.

**B. Technical Specifications**

GeoMax technical parameters are delineated in Qwest Corporation Technical Publication PUB 77407.

**C. Availability**

1. GeoMax is available as specified in the NECA TARIFF F.C.C. NO. 4, and provided subject to the availability and limitations of Company outside plant facilities. Special construction options are not available to improve the suitability of Company facilities.
2. Shared Use is not allowed with this service.

(N)

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

**7.18.1 GENERAL (Cont'd)**

**D. Rate Categories**

The basic rate categories that apply to GeoMax are:

- DWDM Node, equipped with one (1) shelf (described in D.1., following)
- Additional Shelf (described in D.2., following)
- Amplifier Node (described in D.3., following)
- Interoffice Transport Mileage (described in D.4., following)
- Ports (described in D.5., following)

Rates and charges for PLTS (e.g., DS1 or DS3 Service) and/or Switched Access Services, as detailed in Sections 6 and/or Section 7 preceding, apply for each PLTS or Switched Access Service that connects to GeoMax.

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## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.18 GEOMAX**

#### **7.18.1 GENERAL**

##### **D. Rate Categories (Cont'd)**

##### **1. DWDM Node, equipped with one (1) shelf**

The DWDM Node is equipped with one (1) shelf and common equipment to support a maximum of 32 ports, depending on the customer specific configurations and port requirements. The actual configurations will be determined jointly by the customer and the Company.

##### **2. Additional Shelf**

The shelf is equipped with common equipment to support a maximum of 32 ports, depending on customer specific configurations and port requirements.

##### **3. Amplifier Node**

This Optical Amplification provides required strengthening of the optical signals or wavelengths to support greater distances that re beyond the reach of the normal DWDM optical signals.

##### **4. Interoffice Transport Mileage**

Calculated as the average air miles between serving wire centers

##### **5. Ports**

- OC3 Port, An Optical Carrier Level 3 of 155.52 Mbps
  - Protected
  - Unprotected
- OC12 Port, An Optical Carrier Level 12 of 622.08 Mbps
  - Protected
  - Unprotected
- OC48 Port, An Optical Carrier Level 48 of 2.488 Gbps
  - Protected
  - Unprotected

## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.18 GEOMAX**

#### **7.18.1 GENERAL**

##### **D.5. Ports (Cont'd)**

- ETR Port – An IBM™ External Timing Reference (ETR)/Control Link Oscillator (CLO), or Sysplex Timer™ links, 16 Mbps signals for distributing the Time-of-Day (TOD) information to all Central Processing Units (CPUs) in the sysplex and to keep the Sysplex Timer™ Units synchronized with each other.
- FDDI Port, Fiber Distributed Data Interface, An ANSI standard operating at 125 Mbps
  - Protected
  - Unprotected
- ESCON Port, An IBM™ Enterprise Systems Connection (ESCON) channel, a 200 Mbps signal for sending user data and control information between IBM systems such as S/390 CPUs.
  - Protected
  - Unprotected
- Fast Ethernet Port, 125 Mbps
  - Protected
  - Unprotected
- ISC Port, An InterSystem Coupling Facility or A Coupling Facility link – An IBM 1.06 Mbps signal that provides data caching, locking and queuing services between a Coupling Facility and a CPU.
  - Protected
  - Unprotected
- FICON Port, Fibre Connection (FICON™) channel – An IBM version of the industry standard Fibre Channel operating at 1.06 Gbps signal which provides for connectivity similar to ESCON™ while enabling full duplex transfer and multiple concurrent Input/Output (I/O) operations on a single channel
  - Protected
  - Unprotected

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

**7.18.1 GENERAL**

D.5. Ports (Cont'd)

- Gigabit Ethernet Port, 1.25 Mbps
  - Protected
  - Unprotected
- D1 Video Port, A CCIR (Comite' Consultatif International des Radiocommunications) standard operating at 270 Mbps
  - Protected
  - Unprotected
- Fibre Channel Port, A set of ANSI standard supporting the following speeds: 133 Mbps, 266 Mbps, 531 Mbps, 1.062 Gbps
  - Protected
  - Unprotected

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## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.18 GEOMAX**

#### **7.18.2 REGULATIONS**

##### **A. Obligations of the Customer**

1. The customer shall provide immediate access to Company equipment by authorized Company personnel 24 hours a day, 7 days a week for restoration of service, response to equipment failure, or maintenance of service.
2. All operations at the customers premises will be performed at the expense of the customer and must conform to rules and regulations adopted by the Company to maintain a proper standard of service. Included in the aforementioned expenses would be structural work required for supporting telecommunications facilities.
3. The customer is required to provide adequate building space, lighting and atmospheric control (humidity, temperature and ventilation) for proper installation, operation and maintenance of Company equipment and facilities on the customer premises.

##### **B. Installation Guarantee**

The Company guarantees 100% on-time provisioning of all new GeoMax Services based on the agreed date between the customer and the Company. If the agreed-on due date is missed, the Company will credit the customer 50% of the nonrecurring rate on all affected ports.

##### **C. Service Guarantee**

Credit allowance will apply when the customer experiences a service interruption as follows:

- Qualified ports will not receive double credit during any billing cycle. When a particular port qualifies for more than one service credit during a billing cycle, the higher service credit will be given to the customer.
- The customer will receive service credit on the billing cycle following the service interruption and completion of the Company's verification process.
- A service credit will not be given when network failure(s) and/or outage(s) is associated with Company equipment and does not result in customer downtime or performance degradation.

## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.18 GEOMAX**

#### **7.18.2 REGULATIONS**

##### **C. Service Guarantee (Cont'd)**

##### **1. Customer Notification**

The Company must notify the customer of a service outage or a service degradation within 20 minutes. The notification will be based on the alarms received by the Company's Network Operations Center (NOC). When failure to notify the customer within 20 minutes results in downtime, the customer will receive credit for one day of the monthly rate for all impacted ports.

##### **2. Mean Time to Repair (MTTR)**

This is the time it takes the Company to restore service. The time starts either when the Company detects the problem or when the customer reports the problem to the Company. Service will be restored within 8 hours. If the MTTR exceeds 8 hours then the service credits are as follows: over 8 hours = 25% credit and over 12 hours = 50% credit. The service credits are based on the monthly rate of the affected ports.

##### **2. Availability**

This is the amount of time service is available to support customer traffic. The Company will coordinate maintenance time and planned outages with the customer, these events will be scheduled outside the availability time. The network is considered unavailable when the service is not ready to support customer traffic or anytime an out of service occurs. Availability is calculated based on the customer's billing cycle. If guaranteed availability is not met, the service credits will apply, per affected port, based on the monthly port rate, as follows:

- **Protected Ports**

- If availability is <99.999% but ≥ 99.99%, credit = 25%
- If availability is <99.99% but ≥ 99.9%, credit = 50%
- If availability is <99.9%, credit = 100%

- **Unprotected Ports**

- If availability is <99.9% but ≥ 99%, credit = 25%
- If availability is <99% but ≥ 98%, credit = 50%
- If availability is <98%, credit = 100%

## **7. PRIVATE LINE TRANSPORT SERVICE**

### **7.18 GEOMAX**

#### **7.18.3 PRICING PLANS**

The customer must initially subscribe to a term plan of 36- or 60-month fixed period service rate plans. The customer must specify the length of a fixed period service rate plan at the time the service is ordered. New shelves cannot be added to the service within the 12 months prior to the termination date of the fixed period service rate plan in effect. The minimum service period for all GeoMax fixed period service rate plans is 36 months. GeoMax customers with pricing plans will not receive Company-initiated rate increases during the fixed period.

Upon completion of a fixed period service rate plan, the customer's service will automatically revert to the Month-to-Month Plan. Service provided under a Month-to-Month Plan cannot be added to or changed only upgraded to a term plan of 36- or 60-months or disconnected.

#### **A. Fixed Period Service Rate Plans**

GeoMax rate elements are initially only available under a 36- or 60- month fixed period service rate plan and must match the Bandwidth Capacity rate plan in effect. Additional GeoMax rate elements must be ordered with the same fixed period service rate plan as the Bandwidth Capacity not to exceed the number of months remaining on the Bandwidth Capacity fixed period as set forth in 7.14.2.A, preceding:

#### **B. Upgrades**

Terms and Conditions for upgrades in GeoMax rate plans, capacity and service will apply as set forth in 7.14.2.B, preceding:

#### **C. Discontinuance of Service**

Terms and Conditions for Discontinuance of GeoMax will apply as set forth in 7.14.2.C, preceding:

(N)

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**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

**7.18.4 RATES AND CHARGES**

A. Month-to-Month [1]

	<b>USOC</b>	<b>MONTHLY RATE</b>
• DWDM Node, equipped with one shelf [2]	N2TDX	\$7,500.00
• Shelf, Each Additional	DM2XS	3,750.00
• Amplifier Node	67QOX	4,068.75
• Interoffice Transport, per mile	JZ24X	406.25
• OC3 Port, Protected per port	CPSEP	493.75
• OC3 Port, Unprotected per port	CPSEW	393.75
• OC12 Port, Protected per port	CPSFP	1,051.56
• OC12 Port, Unprotected per port	CPSFW	951.56
• OC48 Port, Protected per port	CPSGP	1,346.88
• OC48 Port, Unprotected per port	CPSGW	1,246.88

[1] Month-to-Month rates will go into effect upon completion of a term plan. Service cannot be added to or changed under the Month-to-Month plan.

[2] The maximum number of shelves per Node is 8.

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**7.18 GEOMAX**

**7.18.4 RATES AND CHARGES**

**A. Month-to-Month (Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>	<b>(N)</b>
• ETR, Unprotected	CPSKW	\$984.38	
• FDDI, Protected	CPSDP	475.00	
• FDDI, Unprotected	CPSDW	375.00	
• ESCON, Protected	CPSHP	887.50	
• ESCON, Unprotected	CPSHW	787.50	
• Fast Ethernet, Protected	CPSCP	559.38	
• Fast Ethernet, Unprotected	CPSCW	459.38	
• ISC, Protected	CPSJP	1,215.63	
• ISC, Unprotected	CPSJW	1,115.63	
• FICON, Protected	CPSAP	1,215.63	
• FICON, Unprotected	CPSAW	1,115.63	
• Gigabit Ethernet, Protected	CPSLP	1,084.38	
• Gigabit Ethernet, Unprotected	CPSLW	984.38	
• D1 Video, Protected	CPSQP	755.00	
• D1 Video, Unprotected	CPSQW	687.50	

[1] The maximum number of shelves per Node is 8.

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

**7.18.4 RATES AND CHARGES**

A. Month-to-Month (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	<b>(N)</b>
• Fibre Channel, Protected 133 Mbps	CPSBP	\$559.38	
• Fibre Channel, Unprotected 133 Mbps	CPSBW	459.38	
• Fibre Channel, Protected 266 Mbps	CPSMP	756.25	
• Fibre Channel, Unprotected 266 Mbps	CPSMW	656.25	
• Fibre Channel, Protected 531 Mbps	CPSNP	887.50	
• Fibre Channel, Unprotected 531 Mbps	CPSNW	787.50	
• Fibre Channel, Protected 1.062 Gbps	CPSOP	1,150.00	
• Fibre Channel, Unprotected 1.062 Gbps	CPSOW	1,050.00	

[1] The maximum number of shelves per Node is 8.

(N)

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

**7.18.4 RATES AND CHARGES**

B. 36 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• DWDM Node, equipped with one shelf [1]	N2TDX	-	\$6,000.00
• Shelf, Each Additional	DM2XS	-	3,000.00
• Amplifier Node	67QOX	-	3,255.00
• Interoffice Transport, per mile	JZ24X	-	325.00
• OC3 Port, Protected per port	CPSEP	\$500.00	415.00
• OC3 Port, Unprotected per port	CPSEW	500.00	315.00
• OC12 Port, Protected per port	CPSFP	500.00	861.25
• OC12 Port, Unprotected per port	CPSFW	500.00	761.25
• OC48 Port, Protected per port	CPSGP	500.00	1,097.50
• OC48 Port, Unprotected per port	CPSGW	500.00	997.50

[1] The maximum number of shelves per Node is 8.

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

**7.18.4 RATES AND CHARGES**

**B. 36 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	<b>(N)</b>
• ETR, Unprotected	CPSKW	\$500.00	\$787.50	
• FDDI, Protected	CPSDP	500.00	400.00	
• FDDI, Unprotected	CPSDW	500.00	300.00	
• ESCON, Protected	CPSHP	500.00	730.00	
• ESCON, Unprotected	CPSHW	500.00	630.00	
• Fast Ethernet, Protected	CPSCP	500.00	467.50	
• Fast Ethernet, Unprotected	CPSCW	500.00	367.50	
• ISC, Protected	CPSJP	500.00	992.50	
• ISC, Unprotected	CPSJW	500.00	892.50	
• FICON, Protected	CPSAP	500.00	992.50	
• FICON, Unprotected	CPSAW	500.00	892.50	
• Gigabit Ethernet, Protected	CPSLP	500.00	887.50	
• Gigabit Ethernet, Unprotected	CPSLW	500.00	787.50	
• D1 Video, Protected	CPSQP	500.00	650.00	
• D1 Video, Unprotected	CPSQW	500.00	550.00	

[1] The maximum number of shelves per Node is 8.

(N)

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**7.18.4 RATES AND CHARGES**

**B. 36 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	<b>(N)</b>
• Fibre Channel, Protected 133 Mbps	CPSBP	\$500.00	\$467.50	
• Fibre Channel, Unprotected 133 Mbps	CPSBW	500.00	367.50	
• Fibre Channel, Protected 266 Mbps	CPSMP	500.00	625.00	
• Fibre Channel, Unprotected 266 Mbps	CPSMW	500.00	525.00	
• Fibre Channel, Protected 531 Mbps	CPSNP	500.00	730.00	
• Fibre Channel, Unprotected 531 Mbps	CPSNW	500.00	630.00	
• Fibre Channel, Protected 1.062 Gbps	CPSOP	500.00	940.00	
• Fibre Channel, Unprotected 1.062 Gbps	CPSOW	500.00	840.00	

[1] The maximum number of shelves per Node is 8.

(N)

**7. PRIVATE LINE TRANSPORT SERVICE**

**7.18 GEOMAX**

**7.18.4 RATES AND CHARGES**

C. 60 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• DWDM Node, equipped with one shelf [1]	N2TDX	-	\$5,700.00
• Shelf, Each Additional	DM2XS	-	2,800.00
• Amplifier Node	67QOX	-	3,100.00
• Interoffice Transport, per mile	JZ24X	-	325.00
• OC3 Port, Protected per port	CPSEP	\$500.00	400.00
• OC3 Port, Unprotected per port	CPSEW	500.00	300.00
• OC12 Port, Protected per port	CPSFP	500.00	825.00
• OC12 Port, Unprotected per port	CPSFW	500.00	725.00
• OC48 Port, Protected per port	CPSGP	500.00	1,050.00
• OC48 Port, Unprotected per port	CPSGW	500.00	950.00

[1] The maximum number of shelves per Node is 8.

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**7.18 GEOMAX**

**7.18.4 RATES AND CHARGES**

C. 60 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	<b>(N)</b>
• ETR, Unprotected	CPSKW	\$500.00	\$750.00	
• FDDI, Protected	CPSDP	500.00	385.75	
• FDDI, Unprotected	CPSDW	500.00	285.75	
• ESCON, Protected	CPSHP	500.00	700.00	
• ESCON, Unprotected	CPSHW	500.00	600.00	
• Fast Ethernet, Protected	CPSCP	500.00	450.00	
• Fast Ethernet, Unprotected	CPSCW	500.00	350.00	
• ISC, Protected	CPSJP	500.00	950.00	
• ISC, Unprotected	CPSJW	500.00	850.00	
• FICON, Protected	CPSAP	500.00	950.00	
• FICON, Unprotected	CPSAW	500.00	850.00	
• Gigabit Ethernet, Protected	CPSLP	500.00	850.00	
• Gigabit Ethernet, Unprotected	CPSLW	500.00	750.00	
• D1 Video, Protected	CPSQP	500.00	622.50	
• D1 Video, Unprotected	CPSQW	500.00	522.50	

[1] The maximum number of shelves per Node is 8.

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**7.18.4 RATES AND CHARGES**

C. 60 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	<b>(N)</b>
• Fibre Channel, Protected 133 Mbps	CPSBP	\$500.00	\$450.00	
• Fibre Channel, Unprotected 133 Mbps	CPSBW	500.00	350.00	
• Fibre Channel, Protected 266 Mbps	CPSMP	500.00	600.00	
• Fibre Channel, Unprotected 266 Mbps	CPSMW	500.00	500.00	
• Fibre Channel, Protected 531 Mbps	CPSNP	500.00	700.00	
• Fibre Channel, Unprotected 531 Mbps	CPSNW	500.00	600.00	
• Fibre Channel, Protected 1.062 Gbps	CPSOP	500.00	900.00	
• Fibre Channel, Unprotected 1.062 Gbps	CPSOW	500.00	800.00	

[1] The maximum number of shelves per Node is 8.

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